



SPYWOLF

Security Audit Report



Completed on
March 1, 2023



OVERVIEW

This audit has been prepared for **Ordinal Doge** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Ordinal Doge



Ordinal Dogecoin

PROJECT DESCRIPTION

According to their medium page:

By combining Ordinals and smart contracts on Ethereum, we have been able to successfully create a memecoin FULLY HOSTED on the Bitcoin Blockchain! Thanks to Emblem Vaults, we have been able to wrap and fractionalize this ordinal from Bitcoin to Ethereum, transforming it from an Ordinal to an ERC-721 to an ERC-20 token, which can now interact with dApps/DEXes deployed on ETH Mainnet.

Release Date: Launched at Feb 27, 2023

Category: Meme coin



CONTRACT INFO

Token Name
Ordinal Doge

Symbol
oDOGE

Contract Address
0x796a4503b444A71b331c9556bEF0815237ddEaBC

Network
Ethereum

Language
Solidity

Deployment Date
Feb 127, 2023

Verified?
Yes

Total Supply
1,000,000,000,000,000

Status
Launched

TAXES

Buy Tax
none

Sell Tax
none



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	1270
Uniq Senders	228
Uniq Receivers	347
Total Amount	7842627613993819 oDOGE
Median Transfer Amount	2000000000000 oDOGE
Average Transfer Amount	6175297333853.4 oDOGE
First transfer date	2023-02-27
Last transfer date	2023-03-01
Days token transferred	3

SMART CONTRACT STATS

Calls Count	4026
External calls	290
Internal calls	3736
Transactions count	1531
Uniq Callers	294
Days contract called	3
Last transaction time	2023-03-01 07:41:59 UTC
Created	2023-02-27 09:56:23 UTC
Create TX	0x989cad1018ca6031c3dcef8ab8b94429b9e4784102f764a3c174b057cdd5f870
Creator	0x85aa7f78bdb2de8f3e0c0010d99ad5853ffcfc63



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No high risk-level threats found in this contract.

Medium Risk

No medium risk-level threats found in this contract.

Low Risk

No low risk-level threats found in this contract.



Informational

This token is fractionalized NFT token, represented as ERC20 token created via the fractional art's platform (1 token = 1 fraction).

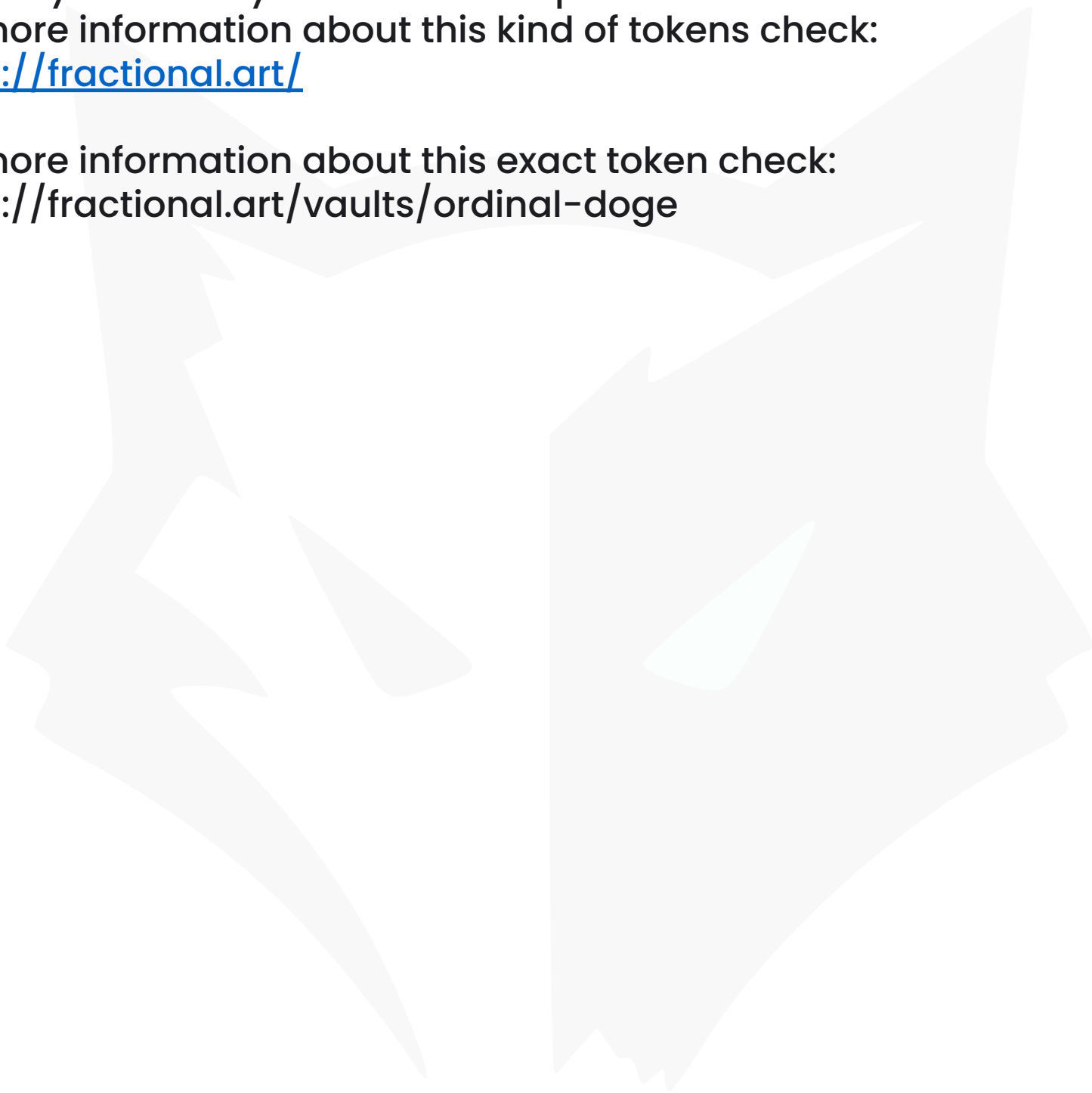
The NFT itself is not in the scope of this audit and its vault is not currently verified by fractional art's platform.

For more information about this kind of tokens check:

<https://fractional.art/>

For more information about this exact token check:

<https://fractional.art/vaults/ordinal-doge>





RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Ordinal Doge

GOOD PRACTICES FOUND

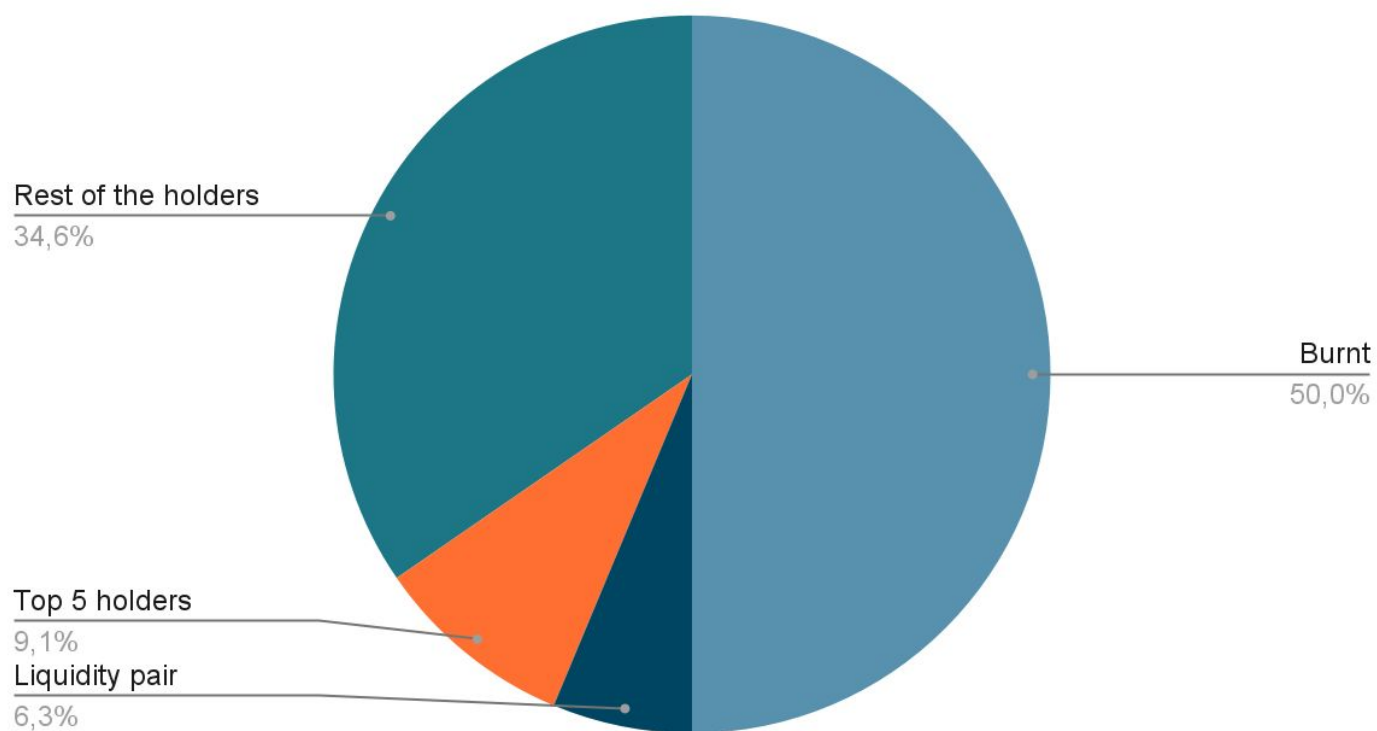
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "Math" to prevent overflows



Current token distribution according to Etherscan:

- 50% - Burnt
- 9.1% - Top 5 holders
- 6.3% - Liquidity pair
- 34.6% - Rest of the holders

Tokens distribution





THE TEAM

! The team is anonymous

KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





WEBSITE

Website URL
<https://odoge.co/>

Domain Registry
<https://www.namecheap.com>

Domain Expiration
Expires on 2024-02-27

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page design,
appropriate color scheme
and graphics.

Content
The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper
No whitepaper.

Roadmap

No

Mobile-friendly?

Yes



odoge.co

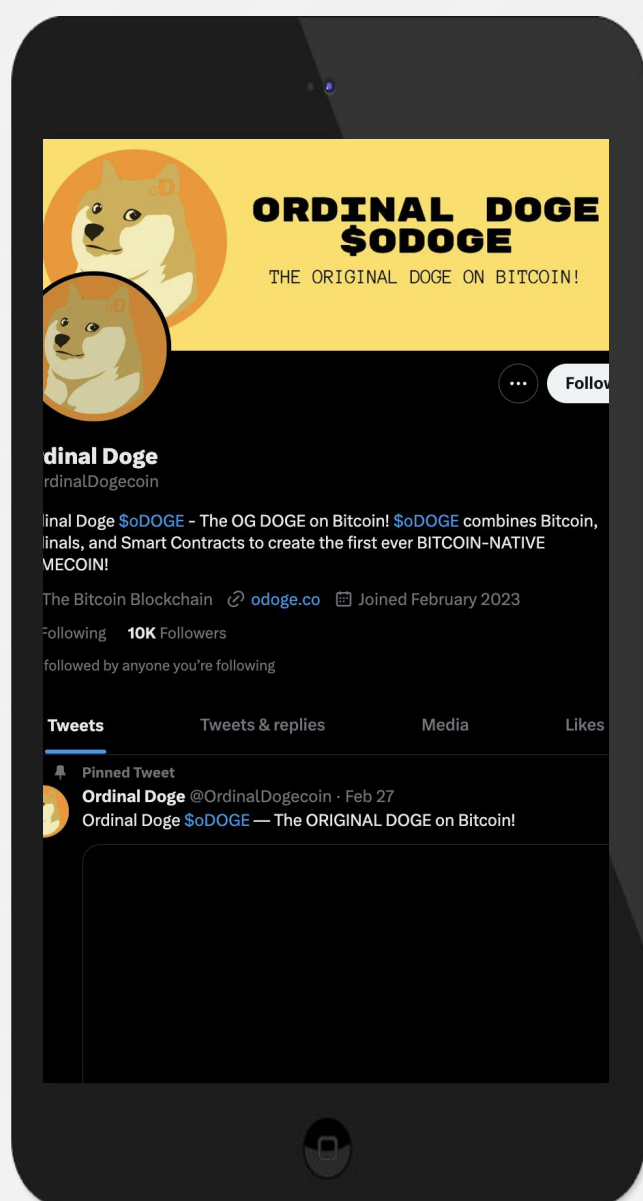


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media pages are active



Twitter

@OrdinalDogeCoin

- 10 000 followers
- Active
- Posts frequently



Discord

- Not available



Telegram

@oDOGE_Community

- 5 018 members
- Active members
- Active mods



Medium

@mrodoge

- 1 article



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 400 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to
contact@spywolf.co or
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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.